

AMENDMENTS TO THE CLAIMS:

Please cancel claim 5 without prejudice or disclaimer.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A dry air supply device for supplying, into a target space, dry air from which moisture and organic materials have been removed, the device comprising:

a plurality of rotors comprising at least a first rotor and a second rotor disposed in series, each of which carries an the first rotor carrying a first adsorbent thereon and is being rotatably supported and the second rotor carrying a second adsorbent thereon and being rotatably supported;

partition members which are arranged at outermost end portions of the rotors and between the rotors so as to partition a rotary zone of each rotor into an adsorption zone, a regeneration zone and a cooling zone, the first and second rotors being connected through the partition members;

a driving member which rotatably drives the first and second rotors, wherein a rotation speed of the first rotor is faster than a rotation speed of the second rotor;

a supply passage which allows sucked air to pass first through the adsorption zone of the first rotor then through the adsorption zone of the second rotor to obtain dry air from which moisture and organic materials have been removed, and which supplies the dry air into the target space; and

an exhaust passage which allows a portion of the dry air to pass first through the cooling zone of the first rotor then through the cooling zone of the second rotor, then heats the cooled air, and then allows the heated air to pass first through the regeneration zone of the second rotor then

through the regeneration zone of the first rotor to separate the moisture and the organic materials from the adsorbent thereby.

2. (Original) The dry air supply device according to claim 1, wherein the partition members include:

a circumferential member having a circumferential sealing portion; and
radial members having radial sealing portions.

3. (Original) The dry air supply device according to claim 2, wherein the circumferential sealing member includes:

rotary-side fins which are concentrically formed on an outer peripheral portion of an end portion of the rotor; and

fixed-side fins which are concentrically formed on the partition members such that the fixed-side fins are alternately overlapped to the rotary-side fins in a non-contact manner.

4. (Original) The dry air supply device according to claim 2, wherein the radial sealing portion includes a plurality of fins which are formed in parallel with the radial members, and has a structure which allows air to pass through at approximately a center portion among the fins.

5. (Canceled)